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Docket No.: 0941-1683PUS1

Application No. 10/673,504
Amendment dated September 7, 2006
Reply to Office Action of June 7, 2006

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A gate drive device for a display, the open sequences for a plurality of scan lines in a panel being changed so that open sequences of the plurality of scan lines between the two adjacent gate drivers being the same, the drive device comprising:

a display panel being divided into a plurality of division panels;

a plurality of gate drivers being the gate drivers of the plurality of division panels;

a plurality of control circuits for connecting the data drivers and the gate drivers of the plurality of division panels; and

a timing control register connected to the plurality of control circuits by a plurality of control lines;

wherein the timing control register is used for controlling the open timings of the scan lines of the plurality of division panels, wherein the scan lines in the joining portions of the plurality of upper-lower adjacent division panels are opened at the same time, and wherein the open timings of the scan lines in the joining portions of the plurality of upper-lower adjacent division panels are the same.

2. (Cancelled)

3. (Original) The gate drive device of claim 1, wherein the open timings of the scan lines of the plurality of left-right adjacent division panels are the same.

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4. (Original) The gate drive device of claim 1, wherein the timing control register is used for temporarily storing the image starting signals of the display panel.

5. (Original) The gate drive device of claim 1, wherein the gate drivers are connected to the plurality of scan lines of the display panel for controlling.